```
CCATGGGGCGATTCATCTTCGTGAGCTTCGGCTTGCTGGTCGTGTTCCTCTCCCTGAGTG   60
 [M  G  R  F  I  F  V  S  F  G  L  L  V  V  F  L  S  L  S  G

GAACTGCAGCTGATTGTCCCTCTGAGTGGTCCTCCTATGAAGGGCATTGCTACAAGCCCT  120
  T  A  A] D  C  P  S  E  W  S  S  Y  E  G  H  C  Y  K  P  F

TCGATGAACCTAAGACCTGGGCAGATGCAGAGAAATTCTGCACACAACAACACAAAGGCA  180
  D  E  P  K  T  W  A  D  A  E  K  F  C  T  Q  Q  H  K  G  S

GCCATCTGCCTCTCACAGCAGTGAGAGCGATTGTGTNNN...NNNNTGGTCACGTTGACC  240
  H  L  P  L  T  A  V  R  A  I  V  X  X  ...  X  G  H  V  D  H

ACACCAAGTTGAAACTGATTAGTCTGATTGGACTGAAGAACATCTGGAACGGATGCTACT  300
  T  K  L  K  L  I  S  L  I  G  L  K  N  I  W  N  G  C  Y  W

GGAAGTGGAGCGATGGCACCAAGCTCGACTACAAAGACTGGCGTGAACAATTTGAATGTC  360
  K  W  S  D  G  T  K  L  D  Y  K  D  W  R  E  Q  F  E  C  L

TCGTATCCAGGACAGTTAATAACGAATGGCTAAGTATGGACTGCGGCACTACTTGCTCTT  420
  V  S  R  T  V  N  N  E  W  L  S  M  D  C  G  T  T  C  S  F

TCGTCTGCAAGTTCCAGGCATAGTCTGAAGACTA                            454
  V  C  K  F  Q  A  STOP*
```

Figure 1: Putative cDNA sequence and amino acid sequence of the antithrombosis enzyme, B chain